Sneak Peek

Rugged, waterproof, unsinkable, WAAS GPS receiver

This sturdy handheld is right at home on land or sea. It's tough on the outside, waterproof, and yes, it even floats. The basic navigation features of the GPS 72 will help you stay on track to your destination and find your way back when the day is done. The GPS 72 is WAAS capable for accuracy to within 3 meters. And you can view your position on a sharp, four-level grayscale screen for excellent separation and contrast.

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specifications

WAAS enabled

Navigation features

Waypoints/icons:	500 with name and graphic symbol, 10 nearest (automatic), 10 proximity
Routes:	50 reversible routes with up to 50 points each, plus MOB and TracBack® modes
Tracks:	Automatic track log; 10 saved tracks let you retrace your path in both directions
Trip computer:	Current speed, average speed, resettable max. speed, trip timer and trip distance
Alarms:	Anchor drag, approach and arrival, off-course, proximity waypoint, shallow water and deep water
Tables:	Built-in celestial tables for best times to fish and hunt, sun and moon rise, set and location
Map datums:	More than 100 plus user datum
Position format:	Lat/Lon, UTM/UPS, Maidenhead, MGRS, Loran TDs and other grids, including user grid

GPS performance

Receiver:	WAAS enabled, 12 parallel channel GPS receiver continuously tracks and uses up to 12 satellites to compute and update your position
Acquisition times:	
Warm:	Approximately 15 seconds
Cold:	Approximately 45 seconds
AutoLocate™:	Approximately 5 minutes
Update rate:	1/second, continuous
GPS accuracy:	
Position:	< 15 meters, 95% typical*
Velocity:	0.05 meter/sec steady state
DGPS (USCG) accuracy:	
Position:	3-5 meters, 95% typical
Velocity:	0.05 meter/sec steady state
DGPS (WAAS) accuracy:	
Position:	< 3 meters, 95% typical
Velocity:	0.05 meter/sec steady state
Dynamics:	6 g's
Interfaces:	RS232 with NMEA 0183, RTCM 104 DGPS data format and proprietary GARMIN
Antenna:	Built-in quadrifilar
Differential:	DGPS, USCG and WAAS capable

Moving map features

Basemap:	Marine database. Preloaded with worldwide cities, navaids, and U.S.A. tide data
Uploadable maps:	Accepts up to 1 megabyte of data from the optional MapSource™ Points of Interest CD**

Power

Source:	External power, 8-35V; two "AA" batteries (not included)
Battery life:	Up to 16 hours

Physical

Size:	2.7"W x 6.2"H x 1.2"D (6.9 x 15.7 x 3.05 cm)
Weight:	7.7 oz. (225 g)
Display:	1.6"W x 2.2"H (4.1 x 5.6 cm) 120 x 160 pixels, high-contrast FSTN with bright backlighting
Case:	Fully gasketed, high impact plastic alloy, waterproof to IEC 529 IPX7 standards
Temp. range:	5°F to 158°F (-15°C to 70°C)
User data storage:	Indefinite, no memory battery required

Accessories

Standard:	Owner's manual Quick reference guide Wrist strap
Optional:	Automotive mount Marine mount Carrying case 12-volt adapter cable Power/data cable MapSource™ Points of Interest CD Instructional video PC interface cable

The navigation page displays the direction, bearing and distance to your destination.

With downloaded points of interest, you can look up destinations and view detailed information.

The satellite status page shows which satellites are being received, along with your position.

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Specifications are preliminary and subject to change without notice.

* Subject to accuracy degradation to 100m 2DRMS under the U.S. Department of Defense imposed Selective Availability Program.

** These units are also able to transfer waypoints, routes and tracks between the PC and GPS using MapSource™.